

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A thermoprocessable polymeric composition comprising ethylene/chlorotrifluoroethylene copolymers consisting essentially of ethylene and chlorotrifluoroethylene and containing from 0.5 to 20% by moles of ethylene, optionally in combination with the chlorotrifluoroethylene homopolymer, wherein the composition contains in total from 90 to 99.5% by moles of chlorotrifluoroethylene and from 0.5 to 10% by moles of ethylene; said polymeric composition having a second melting temperature (T_{mII}) higher than 185°C.

2. (Previously Presented) A composition according to claim 1, containing in total from 1 to 6% by moles of ethylene.

3. (Previously Presented) A composition according to claim 1, having a Melt Flow Index (M.I.) higher than 0.5 g/10'.

4. (Previously Presented) Compositions according to claim 1, comprising a nucleating agent.

5. (Currently Amended) ~~Foamable compositions~~ Compositions of claim 4 consisting essentially of:

A) 50-99.9% by weight, preferably 70-95%, of the thermoprocessable polymeric composition;

B) 0.1-50% by weight of a nucleating agent, in the form of fine powder, having an average particle size lower than 50 micron, and a melting temperature higher than 250°C;

wherein said compositions are foamable.

6. (Currently Amended) ~~Foamable—compositions~~ Compositions according to claim 4, wherein the nucleating agent is selected from the group consisting of tetrafluoroethylene homopolymer (PTFE) or its copolymers having second melting temperatures higher than 250°C.

7. (Currently Amended) ~~Foamable—compositions~~ Compositions according to claim 5, wherein the nucleating agent B) is the tetrafluoroethylene homopolymer (PTFE) having a number average molecular weight lower than 1,000,000.

8. (Currently Amended) ~~Foamable—compositions~~ Compositions according to claim 6, wherein the TFE copolymers are selected from the TFE copolymers with perfluoroalkylvinylethers wherein the alkyl is a C1-C3, TFE copolymers with perfluorodioxoles, or TFE copolymers with hexafluoropropene (FEP), optionally containing perfluoroalkylvinylethers from 1 to 3 carbon atoms.

9. (Currently Amended) ~~Foamable—compositions~~ Compositions according to claim 5, wherein the nucleating agent B) is a polytetrafluoroethylene (PTFE) irradiated with gamma rays or electron beam.

10. (Previously Presented) Compositions according to claims 4-9, wherein the nucleating agent is used in an amount from 5 to 30% by weight.

11. (Previously Presented) Foamed molded articles and foamed coatings of electrical cables comprising the compositions according to claim 4.

12. (Previously Presented) A process to prepare the composition according to claim 1 by emulsion copolymerization of ethylene with chlorotrifluorethylene (CTFE) comprising firstly charging all the CTFE in the reactor, continuously feeding the ethylene until a partial CTFE conversion, then interrupting the ethylene feeding and continuing the polymerization until a substantial CTFE conversion.

13. (Previously Presented) The thermoprocessable polymeric composition of claim 1 wherein said polymeric composition has a second melting temperature (T_{mII}) higher than 200°C.

14. (Previously Presented) The composition of claim 2, containing in total from 1 to 6% by moles of ethylene.

15. (Previously Presented) The composition according to claim 3, having a Melt Flow Index (M.I.) measured according ASTM D1238 with a 10 kg load higher than 2.0 g/10'.

16. (Previously Presented) Foamable compositions according to claim 7, wherein the nucleating agent B) is the tetrafluoroethylene homopolymer (PTFE) having a number average molecular weight lower than 500,000.

17. (Previously Presented) Compositions according to claim 10, wherein the nucleating agent is used in an amount from 10 to 20% by weight.